## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE    |  |  |  |  |  |
|---------------------------|----------|--------|---------|--|--|--|--|--|
| FEE DETERMINATION         |          |        |         |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | 2        | 37     | 2/20    |  |  |  |  |  |
| FORMALITY REVIEW          | TIC      | 907    | 13-2-01 |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | 7        |        |         |  |  |  |  |  |

## INDEX OF CLAIMS

| v | Rejected                   | Ν. | Non-elected  |
|---|----------------------------|----|--------------|
|   | Allowed                    | ١. | Interference |
|   | (Through numeral) Canceled | Α. | Appea!       |
|   | Restricted                 | 0. | Objected     |

|          |            | _        |  |          |          | ÷            | •••      | •••••    | •••••      | •••••    | •••••    |          | Resi     |               | cu       |           |          |            | U         | •••••    |          |           |          |          | . 00,      |   | -       |          |  |          |              |                    |          |          |
|----------|------------|----------|--|----------|----------|--------------|----------|----------|------------|----------|----------|----------|----------|---------------|----------|-----------|----------|------------|-----------|----------|----------|-----------|----------|----------|------------|---|---------|----------|--|----------|--------------|--------------------|----------|----------|
| Clai     | aim 3 Date |          |  |          |          |              |          |          | Claim Date |          |          |          |          |               |          |           |          | Claim Date |           |          |          |           |          |          |            |   |         |          |  |          |              |                    |          |          |
| -        | Original   | 515/2    |  |          |          |              |          |          |            |          |          |          | Original |               |          |           |          |            |           |          |          |           |          | Final    | Original   |   |         |          |  |          |              |                    |          |          |
| 14       | 3          | री       |  |          | Н        |              | Н        | $\dashv$ | Н          |          | $\dashv$ | j.       | 51       | $\exists$     | 7        | $\dashv$  | 7        |            | 1         | ┪        | 7        | $\top$    | 1        |          | 101        | 1   |         |          |  |          |              |                    |          |          |
| $\Box$   | <b>(≥</b>  | 77       |  |          | П        |              |          |          |            |          |          |          | 52       |               |          |           |          |            |           |          |          |           |          |          | 102        | $\perp$   |         |          |  |          |              |                    | ,        |          |
| FT       | 3          | 7        |  |          |          |              |          |          |            |          |          |          | 53       |               |          |           |          |            |           |          | $\perp$  |           |          |          | 103        | $\perp$   | ┸       |          |  |          |              | Ш                  |          | Ш        |
|          | 4          | Ÿ.       |  |          |          |              |          |          |            |          |          |          | 54       |               |          | $\dashv$  | _        | _          | _         | _        | 4        | _         | 4        | $\perp$  | 104        | 4   | $\bot$  | ╀-       | ┞                                      | _        |              | Щ                  | _        | <u> </u> |
|          | 5          | I        |  |          |          |              | L        |          | Ц          |          | _        | L        | 55       |               |          |           | _        | 4          | _         |          | 4        | -         | 4        | -        | 105        | 4   | 4-      | 1        | ┡                                      | _        |              | $\dashv$           |          | $\vdash$ |
| 14       | 6          | 8        |  |          | _        |              |          |          | Ш          |          | _        | F        | 56       | :             | _        | _         | _        | -          |           | -        | -        | $\dashv$  | $\dashv$ | $\vdash$ | 106<br>107 | +   | +       | +        | -                                      | <b>.</b> |              | Н                  | -        | <u> </u> |
| $\perp$  | 7          | 7        |  |          |          |              | _        |          | _          |          | 4        | -        | 57       |               |          |           | -        |            |           | $\dashv$ | $\dashv$ | $\dashv$  |          | $\vdash$ | 108        | +   | +       | +        | -                                      | ├        | -            | Н                  | -        | -        |
| 1-1      | 8          | 7        |  | <u> </u> | <u>_</u> | _            | _        |          | -          | $\vdash$ | _        | -        | 58<br>59 |               |          | -         | $\dashv$ | $\dashv$   | $\dashv$  | -        | $\dashv$ | +         | $\dashv$ | -        | 109        | +   | +       | +        | $\vdash$                               | $\vdash$ |              | $\vdash$           | Н        |          |
|          | <b>%</b>   | 24       | _  |          |          | $\vdash$     |          | -        |            | Н        |          | H        | 60       | Н             |          | -         | $\dashv$ | ᅱ          | -         | $\dashv$ | $\dashv$ | -+        | ┥        |          | 110        | F   | +       | +        | ├                                      | $\vdash$ | H            | H                  | -        | _        |
| H        | 11         | 7        |  | _        |          | $\vdash$     | H        | $\vdash$ |            | Н        | -        | ⊢        | 61       | Н             | -        | $\dashv$  |          | -          | $\dashv$  | -1       | $\dashv$ | -         | $\dashv$ |          | 111        | 十   | +       | +        |  | ╌        |              | П                  | _        |          |
|          | 12         | 7        | H  |          | -        |              | $\vdash$ | $\vdash$ | H          | H        | ᅥ        |          | 62       |               |          | $\neg$    | $\dashv$ | ┪          | +         | - †      | $\dashv$ | $\dashv$  | $\dashv$ |          | 112        | +   | $\top$  | 1        | -                                      |          | Г            | П                  |          | Г        |
|          | 13         |          | $\vdash$   | $\vdash$ | Н        |              |          |          | Н          |          | ㅓ        | F        | 63       | $\vdash$      |          | _         |          | 7          | $\dashv$  | 7        |          |           | 7        |          | 113        | $\top$  | $\top$  | Τ        | 1                                      |          |              |                    |          |          |
|          | 14)        |          |  | $\vdash$ |          |              | Г        | П        | Г          | П        | ᅱ        |          | 64       | П             |          | $\exists$ |          |            | ╗         |          |          | $\Box$    | _        |          | 114        |   |         |          |  |          |              |                    |          |          |
|          | 15         | 7        |  | Г        |          |              | Г        |          |            | П        |          |          | 65       |               |          |           |          |            |           |          |          |           |          |          | 115        |   |         |          |  |          |              |                    | 匚        |          |
|          | 16         | 1        |  |          |          |              |          |          |            |          |          |          | 66       |               |          | $\Box$    |          |            |           |          |          |           |          |          | 116        | $\perp$   | _       | <u> </u> |  | <u> </u> |              | Ш                  |          | _        |
|          | 17         | /        |  |          | L.       |              |          |          |            | Ш        |          | L        | 67       |               |          |           |          |            | i         |          | $\dashv$ |           | 4        | _        | 117        | _   | $\bot$  | 1        | _                                      | <u> </u> |              | Ш                  | _        | _        |
|          | 18         | $\angle$ |  |          |          |              | _        | _        | _          |          |          | L        | 68       | _             |          |           |          |            |           |          |          | 4         | _        | -        | 118        | +   | +       | +-       | 1                                      | <u> </u> | _            |                    | $\vdash$ | ┝        |
|          | 19         | )/       |  |          |          | L.           | <u> </u> |          | _          |          | $\Box$   | Ļ        | 69       | _             |          | _         | _        |            | _         |          |          | -         | _        | _        | 119        | +   | +       | ╬        | ⊢                                      | ┢        |              |                    |          | ├        |
| _        | 20         | 7        |  | _        |          | _            | 匚        | L        |            |          | $\Box$   |          | 70       |               |          |           |          | _          |           |          | _        |           | _        | ļ        | 120        | $\perp$   | $\bot$  | +        | 1_                                     | <u> </u> | <u> </u>     |                    | _        | ⊢        |
|          | 21         |          | _  |          | Ш        | _            | _        | L        |            | Ш        | Щ        | L        | 71       | _             |          |           |          |            | _         | 4        | 4        |           | _        | $\vdash$ | 121        | +   | -       | +        | -                                      | ├        | <u> </u>     | Н                  | -        | <u> </u> |
| -        | 22         |          |  |          | _        | _            | _        | _        |            |          |          | -        | 72<br>73 |               |          | _         | _        |            |           |          | -        | $\dashv$  | 4        | -        | 122<br>123 | +   | - -     | +        | -                                      |          | <del> </del> | H                  | H        | ┢        |
|          | 23<br>24   | _        | _  | <u> </u> | ⊢        |              | ┝        | <u> </u> | $\vdash$   | ⊢        |          | -        | 74       | -             |          |           | $\dashv$ |            |           | -1       | $\dashv$ | -         | 4        | -        | 124        | +   | ╁       | +        | +                                      | ┝        | -            | H                  | ┝        | ┢        |
| -        | 25         | Н        | _  | H        | -        | -            | -        | ├        | ├-         |          |          | -        | 75       | -             |          |           | $\dashv$ |            |           | $\dashv$ |          | $\dashv$  | +        | -        | 125        | +   | +       | +        | $\vdash$                               |          | $\vdash$     | -                  | -        |          |
|          | 26         | H        | -  | -        | ┢        | $\vdash$     | H        | 一        | ╁          | $\vdash$ |          | F        | 76       | -             |          |           |          | $\dashv$   | 一         |          |          | $\neg$    | $\dashv$ | $\vdash$ | 126        | $\top$  | - -     | $\top$   | T                                      | 1        |              |                    | _        | _        |
|          | 27         |          | -  |          | -        | ┢            | $\vdash$ | Н        | 1          | $\vdash$ |          | -        | 77       | <u> </u>      |          |           |          | $\dashv$   | $\neg$    | $\neg$   |          | $\neg$    |          |          | 127        | 1   | 1       | $\top$   |  | Г        |              |                    |          |          |
|          | 28         | _        | _  | _        | t        | H            |          | $\vdash$ | T          | Н        | _        |          | 78       |               |          |           |          | T          |           |          |          | 寸         | ٦        |          | 128        |   | 1       | $\top$   | $\top$                                 | Г        |              | П                  |          |          |
|          | 29         |          |  |          |          |              | <u> </u> |          |            | П        | $\neg$   |          | 79       |               |          |           |          | 1          |           |          |          |           |          |          | 129        |   |         |          |  |          |              |                    |          |          |
|          | 30         |          |  |          |          |              |          |          |            |          |          |          | 80       |               |          |           |          |            |           |          |          |           |          |          | 130        |   |         |          |  |          |              |                    |          |          |
|          | 31         |          |  |          |          |              |          |          |            |          |          |          | 81       | _             | L        |           |          | _          |           | _        | _        |           |          | <u> </u> | 131        |   | L       | ┸        | _                                      | ┖        | 乚            |                    |          | L        |
|          | 32         |          |  | L        | 乚        |              | 乚        | L        | _          |          | Щ        | L        | 82       | _             | L        |           |          |            |           | $\dashv$ | _        |           | _        | <u> </u> | 132        |   | _       | $\perp$  | ╄-                                     | ┡        |              | L                  | _        | ⊢        |
|          | 33         | <u>L</u> | _  | Ļ        | _        | L            | <u> </u> | <u> </u> | <u>L</u>   |          | Ш        | -        | 83       | _             |          |           |          |            | _         | _        | _        | $\dashv$  | 4        | -        | 133        | +   | 4       | +        | ╀                                      | _        | -            | $\vdash$           |          | ⊢        |
| $\vdash$ | 34<br>35   | L        | _  | <u> </u> | _        | $\vdash$     | _        | ┞-       |            | $\vdash$ | Н        | -        | 84<br>85 | $\vdash$      | _        | Н         | $\vdash$ | $\dashv$   | $\square$ | _        | $\dashv$ | $\dashv$  |          | $\vdash$ | 134<br>135 | +   | +       | +        | +-                                     | +        | $\vdash$     | $\vdash$           | -        | ├        |
| $\vdash$ | 35         | H        | $\vdash$   | ⊢        | ⊢        | $\vdash$     | ├-       | ├-       | 1          | H        | $\vdash$ | F        | 86       | $\vdash$      | ⊢        | Н         | $\vdash$ | $\dashv$   |           | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | -        | 136        | +   | +       | +        | $\vdash$                               | $\vdash$ | -            | $\vdash$           | $\vdash$ | $\vdash$ |
| $\vdash$ | 36<br>37   | $\vdash$ | -  |          |          | $\vdash$     | ┢        | $\vdash$ | ├-         | H        | Н        | H        | 87       | <del> -</del> |          | Н         |          | $\dashv$   |           |          |          | $\dashv$  | $\dashv$ |          | 137        | +   | +       | ╁        | $\vdash$                               | +-       | $\vdash$     | Н                  | $\vdash$ | $\vdash$ |
|          | 38         | H        | $\vdash$   | 1        | $\vdash$ | <del> </del> | +        | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ | <b> </b> | 88       | +             | $\vdash$ | Н         | H        | -          | $\dashv$  | $\dashv$ | $\dashv$ | -         | $\dashv$ |          | 138        | +   | 十       | +        | T                                      | t        | $\vdash$     | П                  | Г        | $\vdash$ |
|          | 39         | $\vdash$ | <del>                                     </del> | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | +        | $\vdash$   | Н        | H        |          | 89       |               |          | Н         | Н        |            | Н         | $\dashv$ |          | H         | $\neg$   |          | 139        | $\top$  | $\top$  | T        | T                                      | f        | Π            | П                  | Г        | Г        |
|          | 40         |          | -  | T        | T        | T            | $\vdash$ | $T^-$    | $\vdash$   | П        | Н        |          | 90       |               | Г        | П         | П        | $\exists$  | П         |          |          | П         | 7        |          | 140        | $\top$  | 1       | T        | Τ                                      |          | Γ            |                    |          |          |
| $\Box$   | 41         |          | Г  |          | Η        | Τ            | $\vdash$ | Т        | T          |          | H        | ı        | 91       | Γ             |          | П         |          |            |           |          |          |           | $\neg$   |          | 141        | 7   | $\top$  |          |  |          | Γ            |                    |          |          |
|          | 42         | Т        | Г  | T        | _        | <u> </u>     | $\vdash$ | T        | $\vdash$   | T        | Н        | T        | 92       | Γ             |          | П         | П        |            |           |          |          |           |          |          | 142        | _[  |         | I        | L                                      |          |              |                    |          |          |
| 1        | 43         |          |  |          |          |              |          |          |            |          |          |          | 93       |               |          |           |          |            |           |          |          | $\square$ |          |          | 143        | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |         | I        |  |          |              |                    |          |          |
|          | 44         |          |  |          |          |              |          |          |            |          |          |          | 94       |               |          |           |          |            |           | $\Box$   |          |           | _        |          | 144        |   |         |          |  | $\perp$  |              | $oxedsymbol{oxed}$ | _        | L        |
|          | 45         |          |  |          |          |              |          |          |            |          | Ц        |          | 95       |               | Ĺ        | Ц         | Щ        | Щ          | Ш         | Ц        | _        | $\Box$    | _        | $\vdash$ | 145        | _ _   | $\perp$ | -        | ╀-                                     | 1        | <u> </u>     | ├_                 |          | <u> </u> |
|          | 46         | L        | L  |          | L        | $oxed{oxed}$ | $\perp$  | $\perp$  | <u> </u>   | L        | Ц        | L        | 96       | -             | <u> </u> | Щ         | Ц        |            | Щ         |          |          | $\sqcup$  | 4        | <u> </u> | 146        | 4   |         | +        | ╀-                                     | <u> </u> | ⊢            | $\vdash$           | _        | $\vdash$ |
|          | 47         | L        | _  | _        |          | L            |          | L        | <u> </u>   | _        | Ш        | _        | 97       |               | _        | Ш         |          | Ц          | Щ         |          |          | Ц         | _        | $\vdash$ | 147        | $\perp$   |         | $\bot$   | -                                      |          | <del> </del> | $\vdash$           |          | $\vdash$ |
|          | 48         | L        | <u> </u>   | L        | 1        | $\vdash$     | _        | ــ       | ├-         | <u> </u> | $\sqcup$ | -        | 98       |               | _        | _         | _        |            | Ш         | $\sqcup$ |          | $\vdash$  | $\dashv$ | $\vdash$ | 148        | +   | -       | +-       | +-                                     | $\vdash$ | ⊢            | ₩                  | -        | +        |
|          | 49<br>50   | $\vdash$ | $\vdash$   | $\vdash$ | ⊢        | ┼-           | ⊬        | $\vdash$ | $\vdash$   | $\vdash$ | Н        | -        | 99       |               | -        | -         | H        | $\vdash$   | $\vdash$  |          |          | $\vdash$  | $\dashv$ | $\vdash$ | 149<br>150 | +   | +       | +        | $\vdash$                               | $\vdash$ | ┢            | +                  | $\vdash$ | $\vdash$ |
| لـــا    | 30         | Ь        | <u> </u>   | <u> </u> | Ь_       | 1            | ــــــ   | 1        | Ц_         |          | ш        | L        | μυ       | 1             | Щ.       | Щ.        |          |            | ш         |          |          | لــا      |          |          | 1.04       |   | _1.     |          | ــــــــــــــــــــــــــــــــــــــ |          |              | <u> —</u>          | ш.       |          |

If more than 150 claims or 10 actions staple additional sheet here